

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	53	((LLOYD) near2 (MARKS)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/18 09:24
S2	997	((MICHAEL) near2 (SMITH)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/01 07:56
S3	10	pulse volume measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/01 08:53
S4	729	pulse volume	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/01 08:54
S5	0	pulse volumeand patient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/01 08:54
S6	282	pulse volume and patient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/01 08:54
S7	79	pulse volume and patient and plethysmograph\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/01 08:55
S8	3	pulse volume and patient and plethysmograph\$ and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 06:07
S9	55	plethysmograph\$ and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/01 09:29
S10	9	plethysmograph\$ and autocorrelation and signal averaging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/01 09:32
S11	55	plethysmograph\$ and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/01 09:50

## EAST Search History

S12	95	signal processing and autocorrelation and signal averaging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 11:59
S13	88	signal processing and autocorrelation and signal averaging and wave\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/01 09:53
S14	23	signal processing and autocorrelation and signal averaging and wave\$6 and convolv\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/01 11:29
S15	729	pulse volume	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/01 11:29
S16	0	pulse volume and plethysmograph\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/01 11:29
S17	83	pulse volume and plethysmograph\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/01 11:30
S18	3	pulse volume and plethysmograph\$4 and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/01 11:30
S19	9	pulse volume and plethysmograph\$4 and signal averaging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/01 11:36
S20	28	pulse volume and plethysmograph\$4 and signal processing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/01 11:36
S21	18	"4548211"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 07:08

## EAST Search History

S22	2	"4548211".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 07:08
S23	24	("3149627"   "3570474"   "3742936"   "3835839"   "3835840"   "3847142"   "4204545"   "4205688"   "4258720"   "4432374"   "4437469").PN. OR ("4548211").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 07:16
S24	8	S23 and signal processing	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 07:20
S25	0	S23 and autocorrelation	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 07:21
S26	0	S22 and autocorrelation	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 07:21
S27	9588	autocorrelation	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 07:21
S28	54	autocorrelation and plethysmograph\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 07:25
S29	47	autocorrelation and plethysmograph\$4 and waveform	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 07:22
S30	3	autocorrelation and plethysmograph\$4 and convolv\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 07:27
S31	8	autocorrelation and plethysmograph\$4 and signal averaging	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 07:30
S32	23	autocorrelation and waveforms and convolv\$4 and signal averaging	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 08:00
S33	113	puls\$7 volume and signal processing	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 08:01
S34	6	puls\$7 volume and signal processing and signal averaging	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 08:04
S35	5	puls\$7 volume and signal processing and signal averaging and correlation	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 08:04
S36	5	puls\$7 volume and signal processing and signal averaging and \$correlation	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 08:04
S37	5	puls\$7 volume and signal processing and signal averaging and \$correlat\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 08:09
S38	78	S33 and waveforms	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 08:10
S39	1304	600/480 or 600/485 or 600/500-503	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:06

## EAST Search History

S40	1905	600/480 or 600/485 or 600/500 or 600/501 or 600/502 or 600/503	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:07
S41	32	S40 and pulse volume	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:07
S42	91	S40 and pulse near volume	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:07
S43	109	S40 and puls\$7 near volume	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:08
S44	35	S40 and puls\$7 near volume and signal processing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:08
S45	83	S40 and puls\$7 near volume and waveforms	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:09
S46	2	S40 and puls\$7 near volume and signal averaging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:10
S47	20	S40 and puls\$7 near volume and averaging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:17
S48	3362	plethysmograph\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:18
S49	224	S40 and S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:18

## EAST Search History

S50	42	S42 and S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:18
S51	6	S50 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:18
S52	53	((LLOYD) near2 (MARKS)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 10:19
S53	1000	((MICHAEL) near2 (SMITH)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 10:19
S54	10	pulse volume measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:19
S55	730	pulse volume	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:19
S56	0	pulse volumeand patient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:19
S57	282	pulse volume and patient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:19
S58	79	pulse volume and patient and plethysmograph\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:19
S59	3	pulse volume and patient and plethysmograph\$ and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:19
S60	55	plethysmograph\$ and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:19

## EAST Search History

S61	9	plethysmograph\$ and autocorrelation and signal averaging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:19
S62	55	plethysmograph\$ and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:19
S63	95	signal processing and autocorrelation and signal averaging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:19
S64	88	signal processing and autocorrelation and signal averaging and wave\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:19
S65	23	signal processing and autocorrelation and signal averaging and wave\$6 and convolv\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:19
S66	730	pulse volume	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:19
S67	0	pulse volume and plethymograph\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:19
S68	83	pulse volume and plethysmograph\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:19
S69	3	pulse volume and plethysmograph\$4 and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:19
S70	9	pulse volume and plethysmograph\$4 and signal averaging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:19

## EAST Search History

S71	28	pulse volume and plethysmograph\$4 and signal processing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:19
S72	18	"4548211"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:19
S73	2	"4548211".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:19
S74	24	("3149627"   "3570474"   "3742936"   "3835839"   "3835840"   "3847142"   "4204545"   "4205688"   "4258720"   "4432374"   "4437469").PN. OR ("4548211").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 10:19
S75	8	S74 and signal processing	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 10:19
S76	0	S74 and autocorrelation	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 10:19
S77	0	S73 and autocorrelation	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 10:19
S78	9588	autocorrelation	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 10:19
S79	47	autocorrelation and plethysmograph\$4 and waveform	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 10:19
S80	54	autocorrelation and plethysmograph\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 10:19
S81	3	autocorrelation and plethysmograph\$4 and convolv\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 10:19
S82	8	autocorrelation and plethysmograph\$4 and signal averaging	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 10:19
S83	23	autocorrelation and waveforms and convolv\$4 and signal averaging	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 10:19
S84	113	puls\$7 volume and signal processing	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 10:19
S85	6	puls\$7 volume and signal processing and signal averaging	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 10:19
S86	5	puls\$7 volume and signal processing and signal averaging and correlation	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 10:19
S87	5	puls\$7 volume and signal processing and signal averaging and \$correlation	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 10:19

## EAST Search History

S88	5	puls\$7 volume and signal processing and signal averaging and \$correlat\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 10:19
S89	78	S84 and waveforms	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 10:19
S90	54	plethysmograph\$4 and signal process	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:33
S91	5	plethysmograph\$4 and signal process and signal averag\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:33
S92	36	plethysmograph\$4 and signal process and averag\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:40
S93	45	\$6plethysmograph\$4 and signal process and averag\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:40
S94	31	\$6plethysmograph\$4 and signal process and averag\$5 and \$5correlat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:40
S95	1	\$6plethysmograph\$4 and signal process and averag\$5 and \$5correlat\$5 and convolv\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:41
S96	4	\$6plethysmograph\$4 and signal process and averag\$5 and \$5correlat\$5 and convolv\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:43
S97	0	"64986542"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:44
S98	2	"6498652".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 10:44
S99	7	(US-20020137994-\$ or US-20030095263-\$).did. or (US-4548211-\$ or US-6411833-\$ or US-4947857-\$ or US-5297556-\$ or US-6152881-\$).did.	US-PGPUB; USPAT	ADJ	ON	2006/08/08 11:52



## EAST Search History

S10 0	0	S99 and puls\$7 volume and \$4correla\$4 and convolv\$4 and averag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 11:54
S10 1	2	S99 and puls\$7 volume and \$4correla\$4 and averag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 13:15
S10 2	1	US-4548211-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/08 12:01
S10 3	55	plethysmo\$10 and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 13:16
S10 4	55	plethysmo\$10 and autocorrela\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 13:16
S10 5	4	plethysmo\$10 and autocorrela\$6 and convolv\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 13:21
S10 6	55	plethysmo\$10 and autocorrela\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 14:23
S10 7	2	"5558096".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 14:10
S10 8	2	"5558096".pn. and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 14:15
S10 9	0	"5558096".pn. and autocorrelation and averag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 14:15
S11 0	0	"5558096".pn. and autocorrelation and isolat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 14:15

## EAST Search History

S11 1	44	plethysmo\$10 and autocorrela\$6 and compar\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 14:23
S11 2	45	plethysmo\$10 and autocorrela\$6 and compar\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 14:24
S11 3	45	plethysmo\$10 and autocorrela\$6 and compar\$5 and time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 14:29
S11 4	0	plethysmo\$10 and autocorrela\$6 and compar\$5 and time and avarag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 14:30
S11 5	44	plethysmo\$10 and autocorrela\$6 and compar\$5 and time and averag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 14:47
S11 6	5	10/421652	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 14:39
S11 7	1	plethysmo\$10 and autocorrela\$6 and compar\$5 and time and averag\$4 and puls\$7 volume	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/08 14:49
S11 8	8	autocorrela\$6 and compar\$5 and time and averag\$4 and puls\$7 volume	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 08:33
S11 9	1	"4947857".pn. and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 08:01
S12 0	1	"4947857".pn. and autocorrelation and average	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 08:02

## EAST Search History

S12 1	0	"4947857".pn. and autocorrelation and average and plethysmogra\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 08:02
S12 2	0	"4947857".pn. and autocorrelation and average and pulse volume	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 08:02
S12 3	0	"4947857".pn. and autocorrelation and average and plethysmogr\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 08:02
S12 4	1	"4947857".pn. and autocorrelation and average and time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 08:03
S12 5	1	"4947857".pn. and autocorrelation and average and time and comparison	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 08:03
S12 6	1	"4947857".pn. and autocorrelation and average and time and compar\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 08:03
S12 7	2	"20020126039"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 08:33
S12 8	0	"20020126039" and plethysmogr\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 08:34
S12 9	1	"20020126039" and puls\$ volume	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 08:41
S13 0	58	convolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 08:43

## EAST Search History

S13 1	0	convolusion near isolat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 08:41
S13 2	37319	convolu\$6 and signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 08:43
S13 3	7530	convolu\$6 and signal and isolat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 08:43
S13 4	515	convolu\$6 and signal and isolat\$4 and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 08:43
S13 5	26	convolu\$6 and signal and isolat\$4 and autocorrelation and average and time\$shift\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 08:49
S13 6	3	autocorrelation and puls\$5 volume measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 09:04
S13 7	12	autocorrelation and puls\$5 volume	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 09:43
S13 8	262	pulse volume and blood	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 09:43
S13 9	4	pulse volume and blood and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 09:45
S14 0	0	pulse volume plethysmogr\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 09:46

## EAST Search History

S14 1	0	pulse volume plethysm\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 09:46
S14 2	84	pulse volume and plethysmogr\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 09:46
S14 3	0	pulse volume and plethysmogr\$6 and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 09:47
S14 4	3	plethysmogr\$6 and autocorrelation and puls\$6 volume	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 09:48
S14 5	14	plethysmogr\$6 and autocorrelation and convol\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 10:19
S14 6	13	plethysmogr\$6 and waveforms and autocorrelation and convol\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 10:24
S14 7	2	plethysmogr\$6 signal and waveforms and autocorrelation and convol\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 10:20
S14 8	263	waveforms and autocorrelation and isolat\$4 and convol\$6 and averag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 10:25
S14 9	51	waveforms and autocorrelation and isolat\$4 and convolving and averaging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 10:26
S15 0	175	plethysmographic waveforms	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 10:26

## EAST Search History

S15 1	5	plethysmographic waveforms and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 10:30
S15 2	0	("2005/0085735").URPN.	USPAT	ADJ	ON	2006/08/10 10:29
S15 3	6	plethysmo\$7 waveforms and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 10:30
S15 4	0	plethysmo\$7 wave and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 10:30
S15 5	48	plethysmo\$7 and wave and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 10:42
S15 6	48	plethysmo\$7 and wave and autocorrela\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 11:02
S15 7	0	averaging near signal and waveforms and autocorrelation and isolat\$4 one waveform and time\$shift	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 11:04
S15 8	0	averaging near signal and waveforms and autocorrelation and isolat\$4 near waveform and time\$shift	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 11:04
S15 9	1	averaging near signal and waveforms and autocorrelation and isolat\$4 near waveform and time\$shifting	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 11:04
S16 0	1	averaging near signal and waveforms and autocorrelation and isolat\$4 near waveform and time near shifting	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 11:04
S16 1	1	averaging near signal and waveforms and autocorrelation and isolat\$4 near waveform and time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 11:05

## EAST Search History

S16 2	112	averaging near signal and waveforms and autocorrelation and time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 11:05
S16 3	4	averaging near signal and waveforms and autocorrelation and time\$shift\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 11:09
S16 4	112	averaging near signal and waveforms and autocorrelation and time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 11:13
S16 5	58	averaging near signal and waveforms and autocorrelation and time and convol\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/10 11:13
S16 6	83	pulse volume and plethysmograph\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 06:26
S16 7	53	pulse volume and plethysmograph\$4 and waveforms	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 06:26
S16 8	3	pulse volume and plethysmograph\$4 and autocorrel\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 06:49
S16 9	2	pulse volume and plethysmograph\$4 and (isolat\$5 near waveform)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 06:28
S17 0	3	pulse volume and plethysmograph\$4 and convol\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 06:29
S17 1	12	pulse volume and plethysmograph\$4 and signal averag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 06:38

## EAST Search History

S17 2	54	pulse volume and plethysmograph\$4 and averag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 06:39
S17 3	11	pulse volume and autocorrel\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 06:42
S17 4	55	plethysmograph\$4 and autocorrel\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 06:49
S17 5	0	plethysmograph\$4 and autocorrel\$6 and concol\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 06:49
S17 6	14	plethysmograph\$4 and autocorrel\$6 and convol\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 14:15
S17 7	21	plethysmograph\$4 and autocorrel\$6 and signal averag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 07:24
S17 8	1	averag\$4 near signal and waveforms and autocorrelation and isolat\$4 and time\$shift\$4 and convol\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 07:26
S17 9	4	averag\$4 near signal and waveforms and autocorrelation and time\$shift\$4 and convol\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 07:32
S18 0	33	averag\$4 and waveforms and autocorrelation and time\$shift\$4 and convol\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 07:37
S18 1	4714	signal averaging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 07:37



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S18 2	148	signal averaging and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 07:37
S18 3	39	signal averaging and autocorrelation and (time shift\$4 or time\$shift\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 07:38
S18 4	1	signal averaging and autocorrelation and (time shift\$4 or time\$shift\$4) and isolating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 07:39
S18 5	0	signal averaging and autocorrelation and (time shift\$4 or time\$shift\$4) and convoution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 07:39
S18 6	31	signal averaging and autocorrelation and (time shift\$4 or time\$shift\$4) and convolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 07:39
S18 7	17	(US-20060009809-\$ or US-20030095263-\$ or US-20020137994-\$ or US-20030219066-\$ or US-20030229289-\$ or US-20040116784-\$ or US-20020126039-\$).did. or (US-4548211-\$ or US-6152881-\$ or US-6411833-\$ or US-4947857-\$ or US-5729612-\$ or US-5297556-\$ or US-5605156-\$ or US-4480192-\$ or US-5565982-\$ or US-5410621-\$).did.	US-PGPUB; USPAT	ADJ	ON	2006/08/14 08:29
S18 8	17	S187 and time	US-PGPUB; USPAT	ADJ	ON	2006/08/14 09:01
S18 9	12	S187 and time and autocorrelation	US-PGPUB; USPAT	ADJ	ON	2006/08/14 09:18
S19 0	0	averaging a signal	US-PGPUB; USPAT	ADJ	ON	2006/08/14 09:18
S19 1	1858	averaging signal	US-PGPUB; USPAT	ADJ	ON	2006/08/14 10:23
S19 2	63	averaging signal and autocorrelation	US-PGPUB; USPAT	ADJ	ON	2006/08/14 09:19
S19 3	2087	convol\$7 and autocorrelation	US-PGPUB; USPAT	ADJ	ON	2006/08/14 10:24
S19 4	1573	convolution and autocorrelation	US-PGPUB; USPAT	ADJ	ON	2006/08/14 10:24
S19 5	393	convolving and autocorrelation	US-PGPUB; USPAT	ADJ	ON	2006/08/14 10:24
S19 6	268	convolving and autocorrelation and averag\$4	US-PGPUB; USPAT	ADJ	ON	2006/08/14 10:24
S19 7	129	convolving and autocorrelation and averag\$4 and waveform	US-PGPUB; USPAT	ADJ	ON	2006/08/14 10:25
S19 8	73	convolving and autocorrelation and averag\$4 and waveform and isolat\$4	US-PGPUB; USPAT	ADJ	ON	2006/08/14 10:25

## EAST Search History

S19 9	5651	autocorrelation and average	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 10:59
S20 0	2808	autocorrelation and average and wave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 11:00
S20 1	2795	autocorrelation and average and wave and time	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 11:00
S20 2	579	autocorrelation and average and wave and time and convol\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 11:00
S20 3	803	autocorrelation and average and wave\$5 and time and convol\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 11:01
S20 4	0	("2003/0229289").URPN.	USPAT	ADJ	ON	2006/08/14 11:09
S20 5	1	"6629937".pn.	USPAT	ADJ	ON	2006/08/14 11:11
S20 6	0	"6629937".pn. and autocorrelation	USPAT	ADJ	ON	2006/08/14 11:11
S20 7	1	"6629937".pn. and signal	USPAT	ADJ	ON	2006/08/14 11:11
S20 8	1	"6629937".pn. and signal and average	USPAT	ADJ	ON	2006/08/14 11:12
S20 9	0	"6629937".pn. and signal and average and convolu\$4	USPAT	ADJ	ON	2006/08/14 11:11
S21 0	0	"6629937".pn. and signal and average and convol\$6	USPAT	ADJ	ON	2006/08/14 11:11
S21 1	9	plurality individual waveforms	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 11:47
S21 2	9607	wave\$5 and (time\$shift\$4 or time shift\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 11:48

## EAST Search History

S21 3	740	wave\$5 and (time\$shift\$4 or time shift\$4) and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 11:48
S21 4	558	wave\$5 and (time\$shift\$4 or time shift\$4) and autocorrelation and averag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 11:49
S21 5	72	wave\$5 and (time\$shift\$4 or time shift\$4) and autocorrelation and signal averag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 11:49
S21 6	1	09/634271	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 12:00
S21 7	1	"09634271"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 12:00
S21 8	45	("3605727"   "3822696"   "4023564"   "4085407"   "4115864"   "4157711"   "4422459"   "4458691"   "4458692"   "4492235"   "4630204"   "4665485"   "4697597"   "4732158").PN. OR ("4947857").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/14 13:46
S21 9	3	S218 and autocorrelation	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/14 14:02
S22 0	94190	S218 and signal average or averaging	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/14 14:03
S22 1	10	S218 and signal (average or averaging)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/14 14:07
S22 2	29533	waveforms and transform\$6 and averag\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/14 14:07
S22 3	37562	wave\$4s and transform\$6 and averag\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/14 14:08
S22 4	2136	wave\$4s and transform\$6 and averag\$4 and signal averag\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/14 14:08
S22 5	858	wave\$4s and transform\$6 and averag\$4 and signal averag\$5 and isolat\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/14 14:09
S22 6	7	wave\$4s and transform\$6 and averag\$4 and signal averag\$5 and isolat\$5 waveform	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/14 14:09

## EAST Search History

S227	67	plethysmograph\$4 and transfor\$6 and convol\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 14:16
S228	9	pulse volume and transfor\$6 and convol\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 14:17
S229	26	signal process\$4 and transform\$6 and signal averag\$4 and time\$shift	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 06:43
S230	20	signal process\$4 and transform\$6 and signal averag\$4 and time\$shift and waveforms	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 15:18
S231	2202	averaging signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 15:19
S232	683	averaging signal and transform\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 15:20
S233	0	averaging signal and transform\$6 and time\$shift	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 15:20
S234	46	averaging signal and transform\$6 and aligning	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 15:24
S235	948	autocorrelation and waveforms and time and averaging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 15:25
S236	30	autocorrelation and waveforms and time and averaging and ekg	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/14 15:25

## EAST Search History

S23 7	18	pulse volume and patient and plethysmograph\$ and fourier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 06:13
S23 8	16	pulse volume and patient and plethysmograph\$ and fourier and averag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 06:17
S23 9	14	pulse volume and patient and plethysmograph\$ and fourier and averag\$4 and wave\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 06:18
S24 0	23	signal process\$4 and fourier and signal averag\$4 and time\$shift	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 06:43
S24 1	20	signal process\$4 and fourier and signal averag\$4 and time\$shift and wave\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 07:03
S24 2	2241	arrythmia	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 07:03
S24 3	39	arrythmia and fourier and averag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 07:50
S24 4	0	pulse voume and fourier and averag\$4 and wave\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 07:50
S24 5	30	pulse volume and fourier and averag\$4 and wave\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 08:38
S24 6	1	isolating one waveform	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 08:40

## EAST Search History

S24 7	64991	convolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 08:40
S24 8	1622	convolution and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 08:40
S24 9	1149	convolution and autocorrelation and wave\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 08:40
S25 0	367	convolution and autocorrelation and wave\$5 and averaging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 08:40
S25 1	17	convolution and autocorrelation and wave\$5 and averaging and time\$shift\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 09:18
S25 2	90	convolution and \$6correlation and wave\$5 and averaging and time\$shift\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 09:19
S25 3	73	S252 not S251	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 10:00
S25 4	93	pulse volume and \$6correlation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 10:00
S25 5	50	pulse volume and \$6correlation and waveform	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 10:35
S25 6	2204	averaging signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 10:35

## EAST Search History

S25 7	4720	signal averaging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 10:35
S25 8	18	method averaging signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 10:41
S25 9	6	method averaging signal and \$6correlation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 10:43
S26 0	8	method averaging signal and transform\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 10:42
S26 1	4	S260 not S259	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 10:42
S26 2	6	method averaging signal and \$6correlation and averaging	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 10:46
S26 3	1244397	ng	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 10:44
S26 4	1	method averaging signal and determine time window	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 10:46
S26 5	159	determine time window	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 10:47
S26 6	3	determine time window and autocorrelation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/08/15 10:47
S26 7	6	pulse volume and patient and autocorrelation	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/18 09:25

## EAST Search History

S26 8	10	pulse volume and autocorrelation	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/08/18 09:26
S26 9	19	(US-20030095263-\$ or US-20030219066-\$ or US-20060009809-\$ or US-20020137994-\$ or US-20020126039-\$ or US-20040116784-\$ or US-20030229289-\$).did. or (US-6152881-\$ or US-4548211-\$ or US-5565982-\$ or US-4947857-\$ or US-5410621-\$ or US-6411833-\$ or US-5605156-\$ or US-5297556-\$ or US-4480192-\$ or US-5729612-\$ or US-5454377-\$ or US-5445155-\$).did.	US-PGPUB; USPAT	ADJ	ON	2006/08/18 09:48
S27 0	7	S269 and pulse volume	US-PGPUB; USPAT	ADJ	ON	2006/08/18 09:49
S27 1	2	S269 and pulse volume and autocorrelation	US-PGPUB; USPAT	ADJ	ON	2006/08/18 09:50
S27 2	7	S269 and pulse volume	US-PGPUB; USPAT	ADJ	ON	2006/08/18 09:50
S27 3	9388	autocorrelation	US-PGPUB; USPAT	ADJ	ON	2006/08/18 09:50
S27 4	12	autocorrelation and S269	US-PGPUB; USPAT	ADJ	ON	2006/08/18 09:51